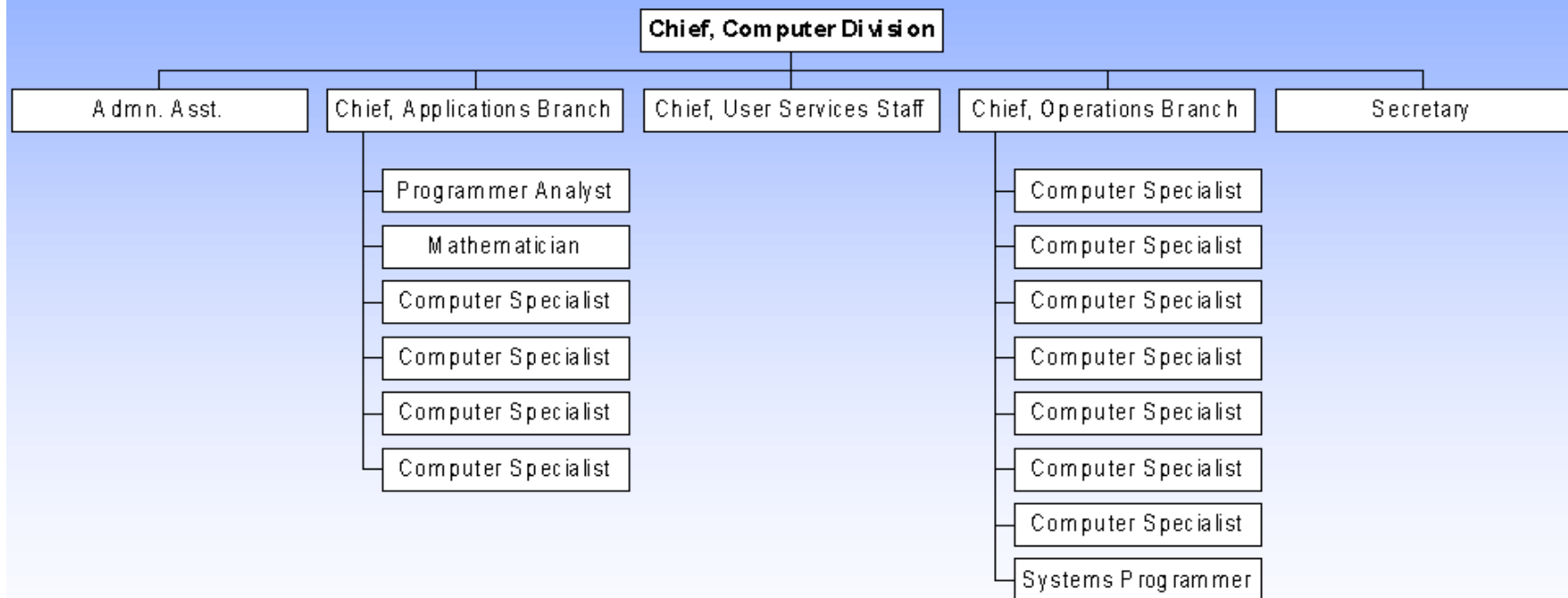# Mission

The Mission of the Computer Division is to provide NOAA with cost effective enterprise-wide computing, networking, and information systems services for administrative, financial, and management functions.
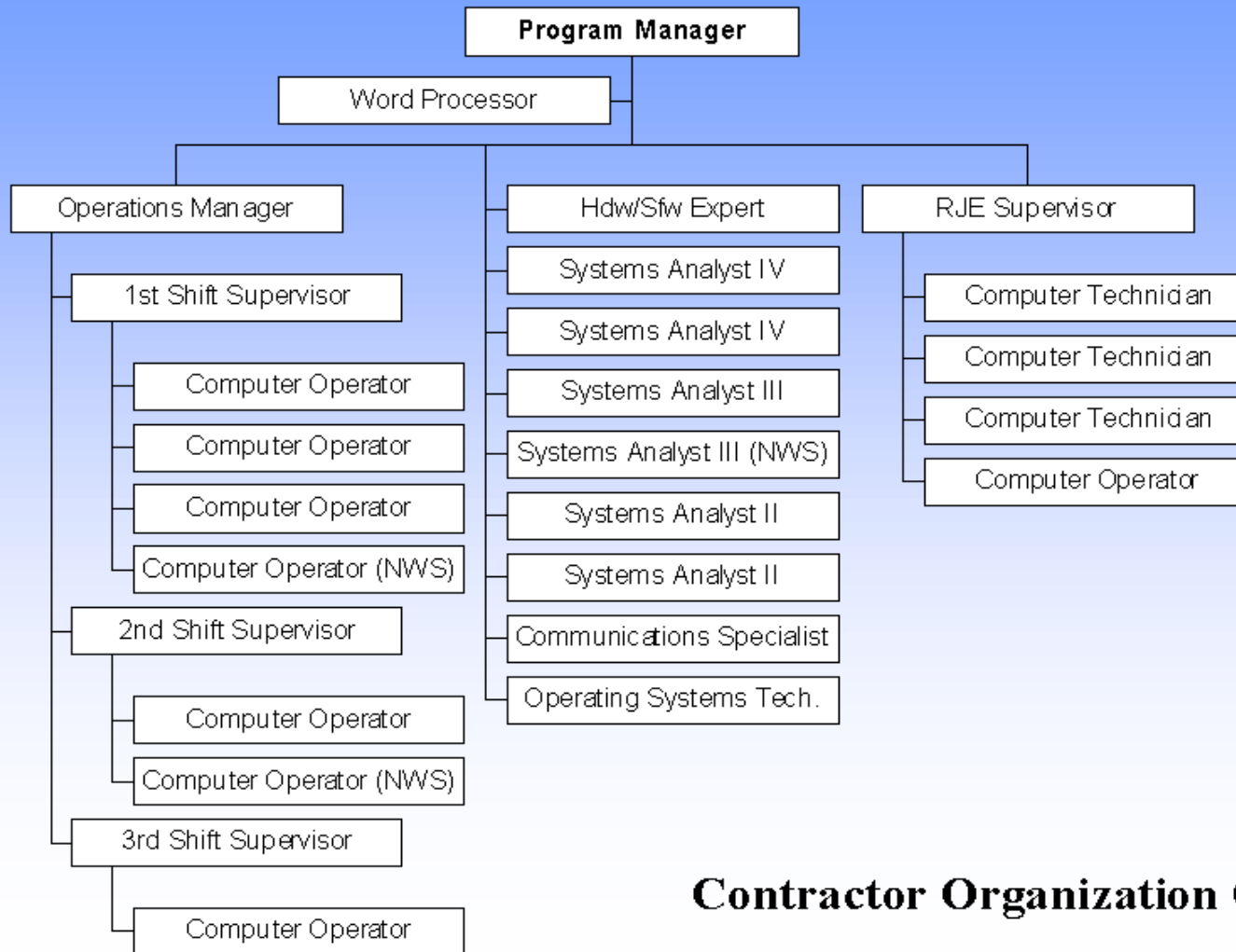
U.S. Department of Commerce
National Oceanic and Atmospheric Administration
OFA/ISO Computer Division

```
                        Chief, Computer Division

   Admn. Asst.    Chief, Applications Branch    Chief, User Services Staff    Chief, Operations Branch    Secretary

                      Programmer Analyst                                        Computer Specialist

                      Mathematician                                             Computer Specialist

                      Computer Specialist                                       Computer Specialist

                      Computer Specialist                                       Computer Specialist

                      Computer Specialist                                       Computer Specialist

                      Computer Specialist                                       Computer Specialist

                                                                                Computer Specialist

                                                                                Systems Programmer
```

Organization Chart

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
OFA/ISO Computer Division

Program Manager

Word Processor

Operations Manager

1st Shift Supervisor

- Computer Operator
- Computer Operator
- Computer Operator
- Computer Operator (NWS)

2nd Shift Supervisor

- Computer Operator
- Computer Operator (NWS)

3rd Shift Supervisor

- Computer Operator

Hdw/Sfw Expert

- Systems Analyst IV
- Systems Analyst IV
- Systems Analyst III
- Systems Analyst III (NWS)
- Systems Analyst II
- Systems Analyst II
- Communications Specialist
- Operating Systems Tech.

RJE Supervisor

- Computer Technician
- Computer Technician
- Computer Technician
- Computer Operator

Contractor Organization Chart

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
OFA/ISO Computer Division

A Typical Day at The Computer Division

DEC Alpha 7760
1,000 Batch Jobs
2,100 Login's

WAN
1.25 million data
packets

Mail*Hub
30,000+ E-Mail's

Directory Services
3,200+ Inquiries

Cc:Mail Gateway
3,700+ E-Mail's

Xerox 9790
60,000 printed pages

Production Control
14,000 Time and
Attendance Records

*NOAA Management
Information Home Page*
36,000+ hits

NOAA E-Mail Services

- **Over 35,000 messages processed per day**
- **180,000 messages processed per week**
- **10,400,000 E-Mail messages processed since August, 1996**
- **2,000 messages daily through the NOAA Ships e-Mail Gateway**
- **700 messages daily from DOC/OS through the Census E-Mail Gateway**
- **Future NOAA-Wide E-Mail service**
  - **Web based E-Mail**

NOAA-NET Wide Area Network

- **Connects NOAA, regional administrative offices**

   (Seattle, Boulder, Kansas City, Norfolk, & Washington)

- **Connections to National Finance Center**

- **Connections to Springfield and HCHB**

- **Reliable, Modern, High Speed, Quality of Service**

NOAA

Seattle
Norfolk
CXXI
FNS DOMAIN - 26
CXXI
SSMC3
WSC5
FB4
WWB
UNIVERSAL

SSMC-2
ANS
NASA
FIREWALL

FTS2000 EPSS
(Frame Relay)

SSMC-3
HCHB (NOAA/OA)
FIREWALL
Landover

HCHB
INTERNET

Boulder
Kansas City
HCHB (OSTM)
FIREWALL

Springfield

DOC/OCS

X.25 SWITCH
WAN ROUTER
ROUTER
CAMS SYSTEM
IBM MAINFRAME

FTS2000 PSS (X.25)

IC
NIST
BEA
PTO
CENSUS

USDA/NFC

FNS DOMAIN - 111
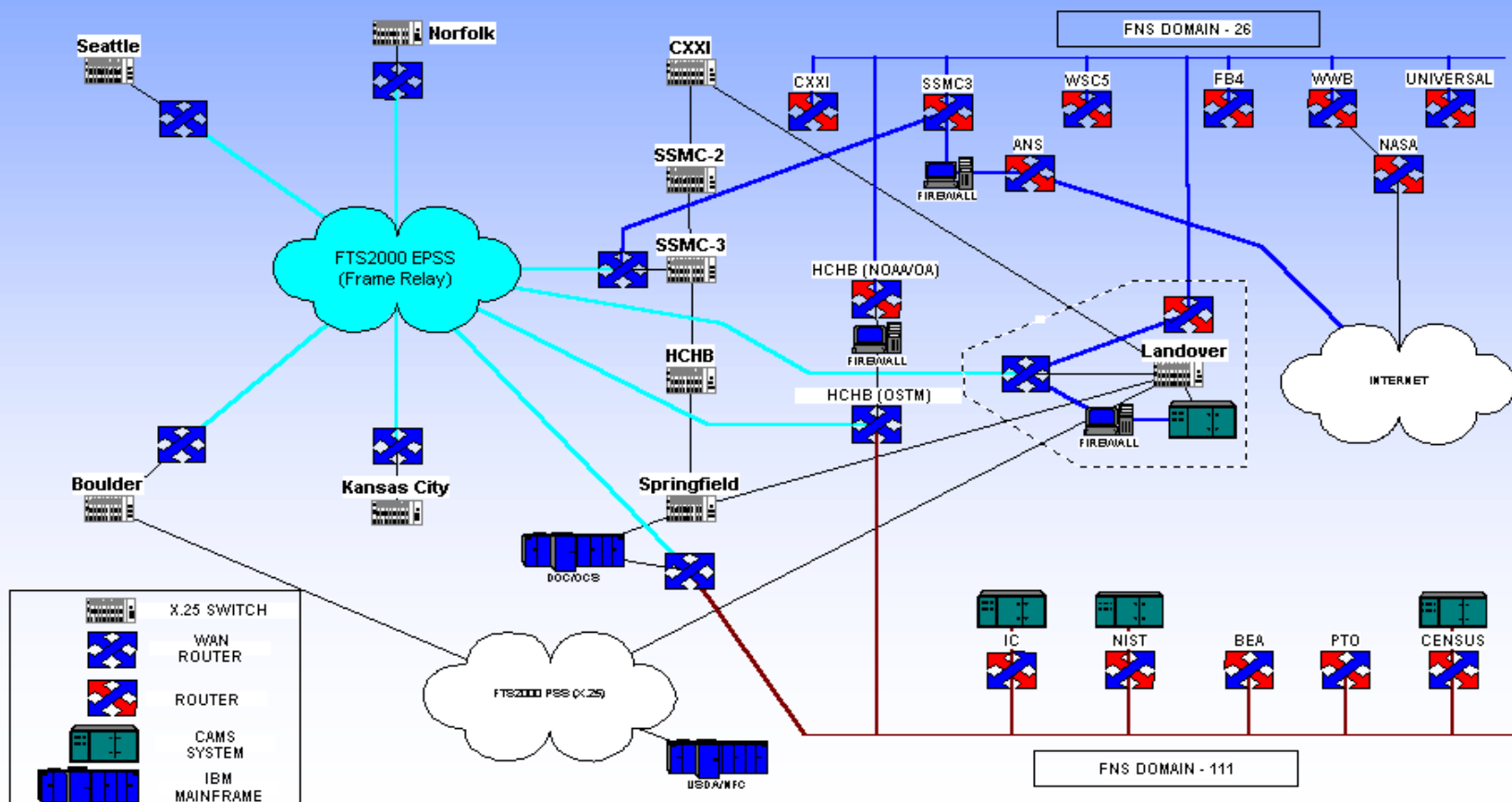
Internet/Intranet Services

- **NOAA Management Information Home Page**
- **35,000+ "Hits" per day**
- **NOAA Corporate Home Page**
- **X.500 Web Page**
- **Continuous Updates**
- **NOAA's Intranet**

DOC/NOAA LAN Management

- **Policy and Oversight for DOC's 388 Banyan Servers**

- **Manage directory architecture**

- **Plan and Architecture for Network Operating Environment**

Computing Services

- **DEC Alpha 7760**
- **DEC Alpha 4100**
- **DEC Alpha 8400**
- **Major Corporate Systems**
    - **Accounting (FIMA)**
    - **Grants**
    - **Controlled Correspondence**
    - **CIMS**
    - **NPS**
- **2,000 logons per day**
- **1,000+ batch jobs per day**
- **Oracle Web Server**

Applications Management & Support for OFA Functions

- **NOAA Grants Systems**

- **Internet/Intranet Applications**

- **ORACLE Applications**

- **Future:**
    - **EFOIA**
    - **GBL**
    - **ESP**
    - **COHO**
    - **CIMS**
    - **Financial Tracking system**
    - **NOAA Warehouse Mgt**
    - **Retirement Calculator**

NOAA Directory Services & Management Communication

- **NOAA National Locator**

- **NOAA Distribution Lists**

- **NOAA Organizational Directory**

- **ALL-NOAA E-Mail Lists**

High-Speed Laser Printing

- **Two Xerox 9790 printers**
- **1.1 Million pages printed per month (13 million per year)**
- **Customers include:**
    - **U.S. Dept. of Commerce**
    - **U.S. Dept. of Treasury**
    - **U.S. Dept. of Agriculture**
    - **GAO**
    - **FDIC**
    - **Smithsonian**

IT Planning

- **Network Operating Environment**

- **Telecommunications Architecture**

- **Information Services Environment**